



US 20210347217A1

(19) **United States**(12) **Patent Application Publication**
McCoy(10) **Pub. No.: US 2021/0347217 A1**(43) **Pub. Date: Nov. 11, 2021**(54) **UNDER BED HITCH MOUNTING SYSTEM****Publication Classification**(71) Applicant: **HORIZON GLOBAL AMERICAS INC.**, PLYMOUTH, MI (US)(72) Inventor: **Richard W. McCoy**, Granger, IN (US)(21) Appl. No.: **17/384,918**(22) Filed: **Jul. 26, 2021**(51) **Int. Cl.****B60D 1/48** (2006.01)**B60D 1/01** (2006.01)**B60D 1/06** (2006.01)**B60D 1/07** (2006.01)**B60D 1/52** (2006.01)(52) **U.S. Cl.**CPC **B60D 1/488** (2013.01); **B60D 1/015**(2013.01); **B60D 1/52** (2013.01); **B60D 1/075**(2013.01); **B60D 1/06** (2013.01)**Related U.S. Application Data**

(63) Continuation of application No. 16/685,080, filed on Nov. 15, 2019, now Pat. No. 11,072,214, which is a continuation of application No. 15/459,034, filed on Mar. 15, 2017, now Pat. No. 10,479,153, which is a continuation of application No. 13/992,331, filed on Jul. 17, 2013, now abandoned, filed as application No. PCT/US2011/063922 on Nov. 8, 2011.

(60) Provisional application No. 61/421,156, filed on Dec. 8, 2010.

(57)

ABSTRACT

A hitch mounting system capable of attaching to a vehicle, where, the vehicle includes a frame and a load bed is disclosed. The hitch mounting system may include at least one rail, the rail being a generally continuous member, where the rail includes at least one end portion, and where the end portion is deformed in a shape capable of attaching to the frame of the vehicle. The hitch mounting system may also include at least one mounting aperture located in the rail, the mounting aperture capable of having secured thereto an accessory.

